

**WHAT IS CLAIMED:**

1           1.    A motor, comprising:  
2           a stator having stator poles configured to produce  
3 electromagnetic flux when electrically energized;  
4           a conduit positioned between the stator poles; and  
5           a rotor positioned within the conduit and having  
6 rotor poles and rotatable in response to the electromagnetic  
7 flux, the poles having laminations sufficiently skewed for  
8 pumping fluid through the conduit during rotation.

1           2.    The motor of claim 1, wherein the conduit  
2 comprises a tube.

1           3.    The motor of claim 2, wherein the tube is  
2 affixed to the stator poles.

1           4.    The motor of claim 3, wherein the outer  
2 circumference of the tube includes interlocks.

1           5.    The motor of claim 2, wherein the tube is  
2 formed from plastic.

1           6.    The motor of claim 2, wherein the tube is  
2 formed from metal.

1           7.    The motor of claim 2, wherein the tube is  
2 non-magnetic.

1           8.    The motor of claim 1, wherein the conduit  
2 comprises a packed stator.

1           9.    The motor of claim 1, wherein the conduit is  
2 formed by a configuration of the stator.

1           10. The motor of claim 1, wherein the rotor  
2 includes a coating.

1           11. The motor of claim 1, wherein the motor  
2 comprises a switched reluctance motor.

1           12. The motor of claim 1, wherein the motor  
2 comprises an induction motor.

1           13. The motor of claim 1, wherein the motor  
2 comprises a permanent magnet synchronous motor.

1           14. The motor of claim 1, wherein the motor  
2 comprises a salient pole synchronous motor.

1           15. The motor of claim 1, wherein the motor  
2 comprises a DC motor.

1           16. The motor of claim 1, wherein the conduit  
2 provides a substantially air-tight seal for the fluid to  
3 flow along the rotor.

1           17. A motor having skewed rotor laminations for  
2 pumping fluid, the motor comprising:

3               a fixed stator having stator poles;

4               a rotatable rotor having sufficiently skewed  
5 laminations to move fluid when rotated; and

6               a conduit positioned between the stator and the  
7 rotor for substantially directing the moved fluid.

1           18. The motor of claim 20, wherein the conduit  
2 comprises a tube affixed to the stator.

1                    19. A method for pumping fluid, the method  
2     comprising:  
3                    providing a motor having a stator and a laminated  
4     rotor rotatable relative to the stator;  
5                    skewing the rotor laminations sufficiently to pump  
6     fluid through the motor when the rotor rotates;  
7                    rotating the rotor to pump the fluid; and  
8                    confining the fluid around the rotor as the fluid  
9     is pumped.

1                    20. The method of claim 19, further comprising  
2     confining the fluid with a conduit that produces a  
3     substantially air-tight seal as the fluid flows around the  
4     rotor and collecting reliable flow data on the pumped fluid.